

BUCKEYE LADDERS

CATALOG
Nº 250



It is Difficult for an Empty Bag to Stand on End.
Buckeye Ladders Stand on Their Merit.

**CRAIN PUMP &
LUMBER CO.**

623 ARCH STREET
PHILADELPHIA, PENNA.

BELL: MARKET 3210

KEYSTONE: MAIN 9184

CATALOG No. 250

September 1, 1925

BUCKEYE LADDERS



AMONG our Assets, we like to include the only one that money cannot buy—Your Good Will. In receiving Catalog No. 250, we are sure you will appreciate that the quality of material used in ladders should be considered from the angle of safety, consequently it should be, and in our Buckeye Ladders, we give you—the best that money can buy.

We endeavor to keep on hand at all times, a sufficient stock of the ladders illustrated and described in this catalog, to enable us to supply the requirements of all our customers with shipments from Philadelphia on short notice.

This Catalog is issued without prices because of the constantly changing conditions of the material and labor market, but complete Price List applying to it will be mailed and Discount quoted upon application.

Our ladders are finished in natural wood, as the brand “Buckeye” on them is the “Mark of Quality,” which makes the use of paint or stain unnecessary.

SEND FOR OUR CATALOG OF

WOOD } **PUMPS** { HAND
IRON } FOR ALL PURPOSES { POWER
CHAIN } HEAVY DUTY

TOOLS AND SUPPLIES

CRAIN PUMP & LUMBER CO.

OFFICE

623 Arch Street, Philadelphia

WAREHOUSE

4550 Tacony Street, Frankford

BUCKEYE LADDERS

INFORMATION

The question of Quality and Safety of Ladders is more vital to the user than any other implement sold.

Several States have adopted Safety Codes covering ladder specifications, which have greatly improved the safety of the public.

Buckeye Ladders are made under specifications which have been approved by the American Society of Safety Engineers and U. S. Department of Labor.

We manufacture strictly SPRUCE Ladders. They are in a class by themselves. SPRUCE is very light and durable, and is far superior to any other material for ladder purposes.

Our Rounds are made from seasoned and selected straight grain HICKORY. The ends are CREOSOTED and treated by a Patented process which prevents rounds from shrinking or rotting out. This preserves the ladder and adds a distinct selling point that is furnished only in Buckeye ladders.

Dealers ordering less than carlots should always make up an order for 100 feet as the freight will be but a trifle more than it would be for the shipment of a single ladder.

In ordering cars, be sure to have the full minimum weight.

WEIGHTS

Single Ladders, about 2 pounds to the foot.

Extension Ladders, about $2\frac{1}{2}$ pounds to the foot.

Step Ladders, about $3\frac{1}{2}$ pounds to the foot.

Minimum Weight of 36-ft. car 12,000 lbs.

Minimum Weight of 40-ft. car 13,440 lbs.

Minimum Weight of 50-ft. car 19,440 lbs.

RATES

Step Ladders in less than carlots—First Class Rate.

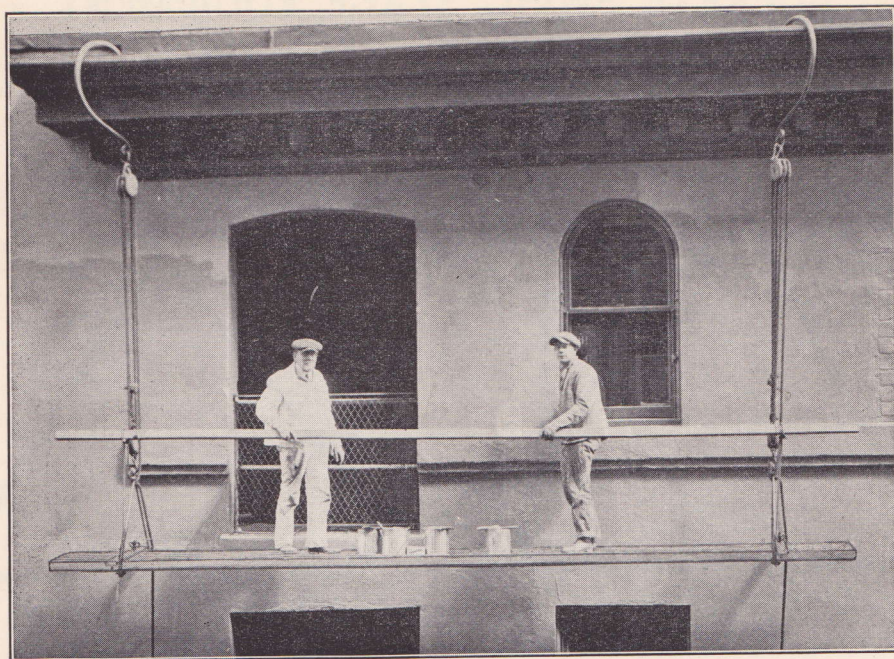
Step Ladders, carlots—Third Class Rate.

Single and Extension Ladders in less than carlots—Second Class Rate.

Single and Extension Ladders, carlots—Third Class Rate.

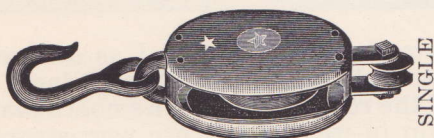
No Ladder longer than 22 feet can be shipped Less Car Load without a minimum weight of 1,000 lbs. and Double First Class Rate.

BUCKEYE SWING STAGE EQUIPMENT

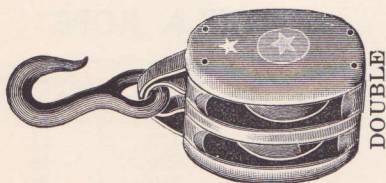


Buckeye Stages are rigged according to your special requirements. They are equipped with the very best grade of long fibre Manila rope, spliced in the best patent blocks with roller bushed sheaves.

WOOD TACKLE BLOCKS

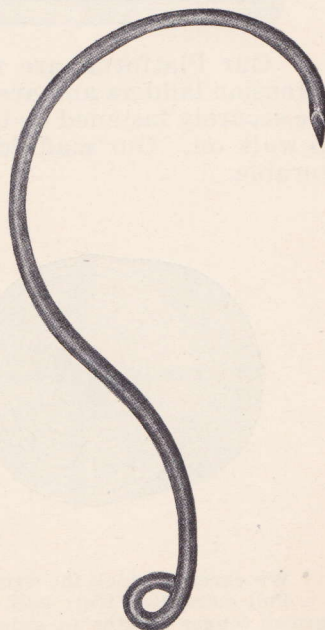


SINGLE



DOUBLE

STAGE HOOKS

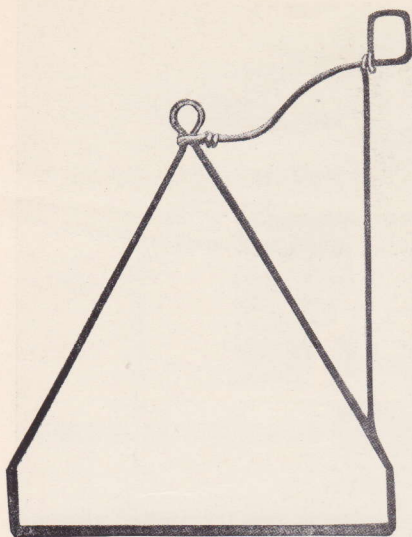


Made of $1\frac{1}{8}$ " Round Iron, 39" long and 18" wide.

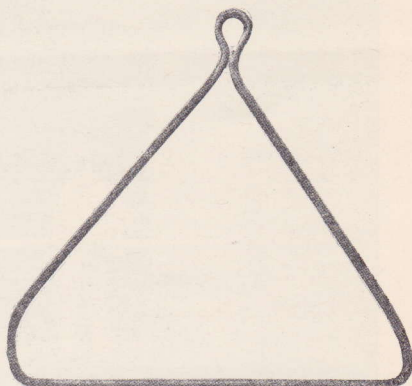
Dimensions

Size of Sheave Inches	For Diameter Rope Inches	Length of Shell Inches	Mortise Inches
$1\frac{3}{4} \times 1\frac{1}{2} \times \frac{3}{8}$	$\frac{3}{8}$	3	$\frac{9}{16}$
$2 \times 1\frac{1}{2} \times \frac{3}{8}$	$\frac{3}{8}$	$3\frac{1}{2}$	$\frac{9}{16}$
$2\frac{1}{4} \times \frac{5}{8} \times \frac{3}{4}$	$\frac{1}{2}$	4	$\frac{11}{16}$
$3 \times \frac{3}{4} \times \frac{3}{8}$	$\frac{5}{8}$	5	$\frac{7}{8}$
$3\frac{1}{2} \times 1 \times \frac{1}{2}$	$\frac{3}{4}$	6	1
$4\frac{1}{4} \times 1 \times \frac{1}{2}$	$\frac{7}{8}$	7	$1\frac{1}{8}$
$4\frac{3}{4} \times 1\frac{1}{8} \times \frac{5}{8}$	1	8	$1\frac{1}{4}$

BUCKEYE SWING STAGE EQUIPMENT



SAFETY TRIANGLE



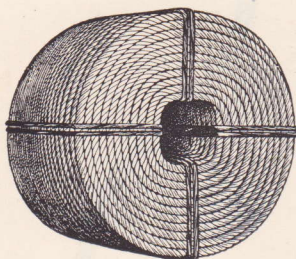
COMMON TRIANGLE

PLATFORM STAGE



Our Platforms are made from the same material as our regular extension ladders and are furnished in lengths from 12 to 22 feet. Slats are securely fastened on the top of the rounds, making a smooth platform to walk on. Our scaffolds are light in weight, but are very strong and durable.

MANILA ROPE

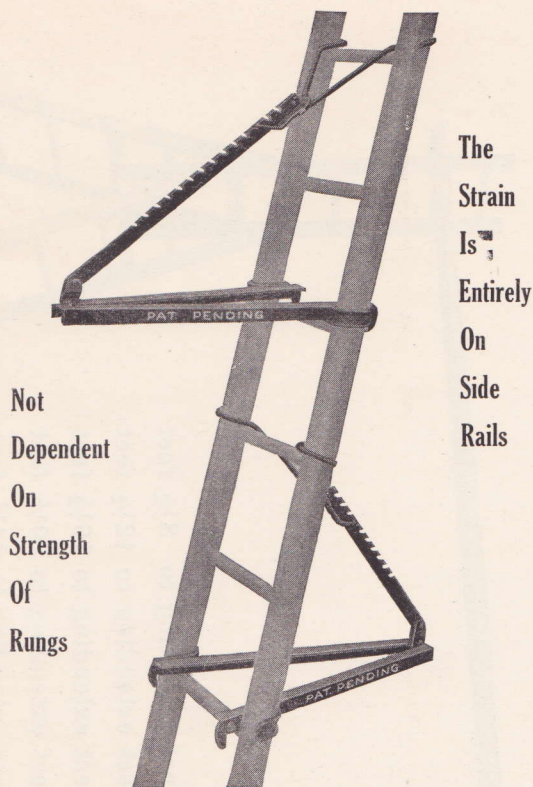


Diameter in Inches	Strength New Rope in Pounds	Number of Feet in Pound
$\frac{1}{4}$	450	43
$\frac{5}{16}$	750	30
$\frac{3}{8}$	950	24
$\frac{7}{16}$	1,200	19
$\frac{1}{2}$	1,700	13
$\frac{5}{8}$	3,000	7-6 in.
$\frac{3}{4}$	3,900	6
$\frac{7}{8}$	5,600	4
1	6,750	3-4 in.
$1\frac{1}{8}$	9,150	2-4 in.
$1\frac{1}{4}$	10,600	2-1 in.

We carry in stock the very best quality Manila Rope.

Full coils, 1000 feet; half coils, 500 feet. In ordering, say which is wanted. Can furnish longer lengths to order.

BUCKEYE LADDER JACKS

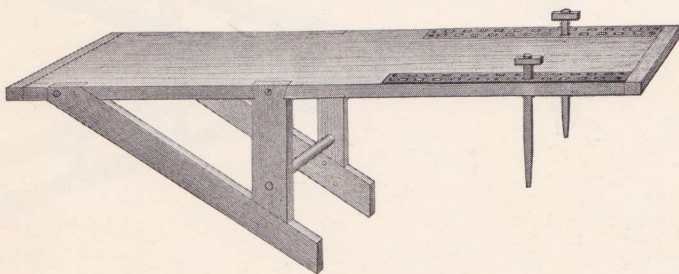


Not
Dependent
On
Strength
Of
Rungs

The
Strain
Is
Entirely
On
Side
Rails

The Safest Ladder Jacks Made

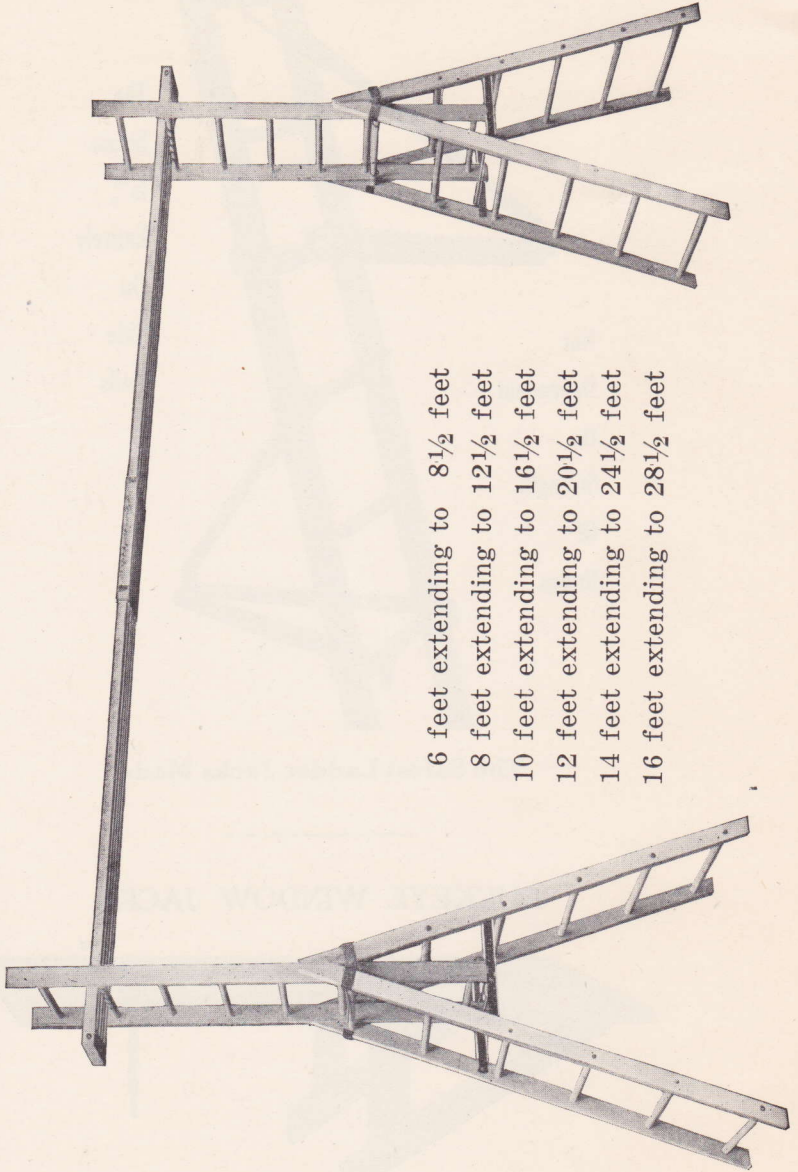
BUCKEYE WINDOW JACKS



The Strongest and Safest Jacks on the market. Made according to our own plans and specifications of the best material obtainable.

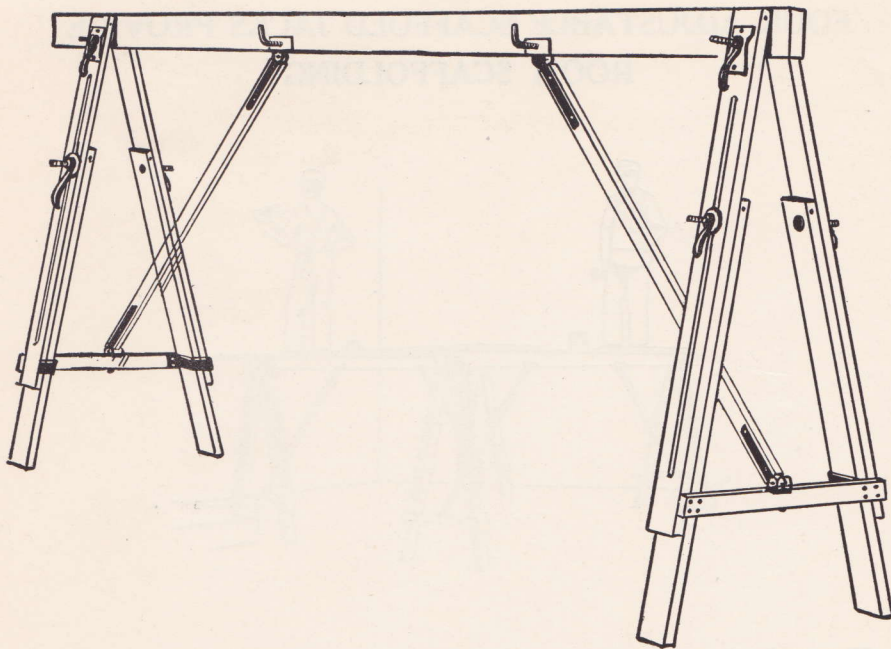
EXTENSION LADDER TRESTLES

Extension trestles manufactured from selected stock, made in lengths from 6 to 16 feet. This is exclusive of the extension part. The extension part of each trestle is the same length as the trestle. These ladders are very convenient for interior work.



6 feet extending to 8½ feet
8 feet extending to 12½ feet
10 feet extending to 16½ feet
12 feet extending to 20½ feet
14 feet extending to 24½ feet
16 feet extending to 28½ feet

BUCKEYE SCAFFOLD JACKS



Above illustration shows Two Adjustable Scaffold Jacks ready for use.

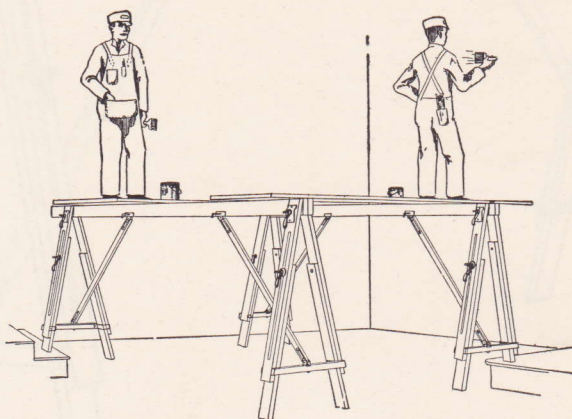
It requires Four Jacks to properly scaffold a room, on which Planks can be laid, thus giving a safe platform to work on.

These Jacks are made in various sizes from 3½ ft. to 20 ft. Each size can be quickly adjusted to various heights. These Jacks are so constructed that they can be assembled ready for a job in five minutes and when the work is finished, they can be folded up, thus requiring very little space and take a very low freight rate in shipping.

The legs of the Jacks are made out of 1½ x 4 and 2 x 4 Clear Straight Grain Spruce. The Hardware consists of malleables, steel stampings, and heavy bolts and rivets to stand real hard usage. Jacks that are 8 ft. and longer are made with reinforced braces and supports.

BUCKEYE SCAFFOLD JACKS

FOUR ADJUSTABLE SCAFFOLD JACKS PROVIDE ROOM SCAFFOLDING



These Jacks are very convenient for making scaffolding, being adjustable as to height. By the use of such Jacks with planks, the scaffolding of any room is an easy matter.

In ordering, remember you need at least six feet headroom, and always state the number of single Jacks you want.

No.	Length of Jacks.	
1	2½ ft. extend to	3½ ft.
2	3 ft. extend to	4½ ft.
3	4 ft. extend to	6 ft.
4	6 ft. extend to	9½ ft.
5	8 ft. extend to	13 ft.
6	10 ft. extend to	16 ft.
7	12 ft. extend to	20 ft.

SECTIONAL LADDERS

A very convenient ladder for window cleaning and fruit picking purposes or when a ladder has to be carried from one place to another.

These ladders are made in 6-foot lengths, which makes them convenient to handle.

All sections are fitted into each other, and the Middle Sections are interchangeable.



Top

Middle

Bottom

LOCK JOINT SECTIONAL LADDERS

Notice the Flange That Fits Under Wing Nut

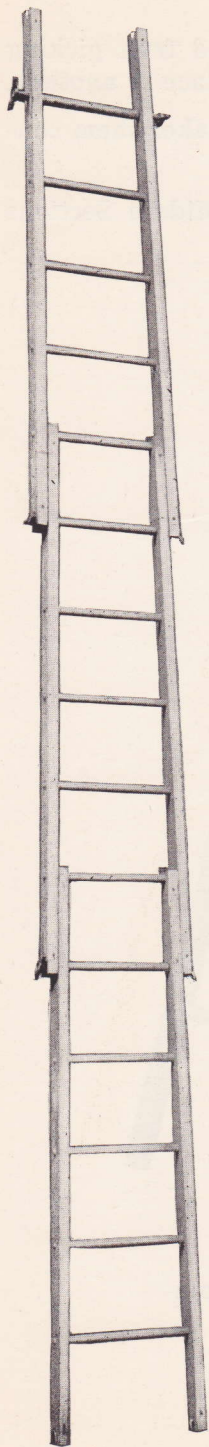


Fig. 12 A

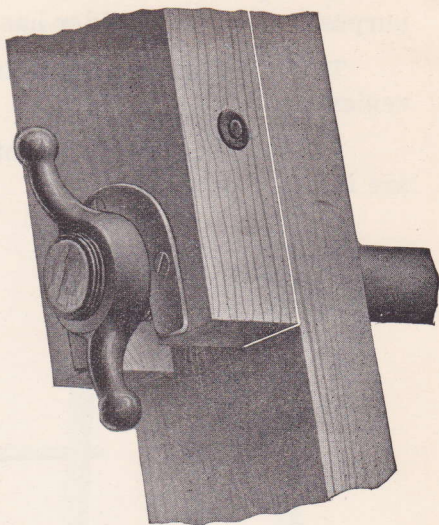
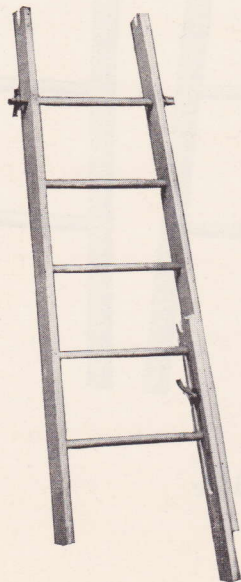
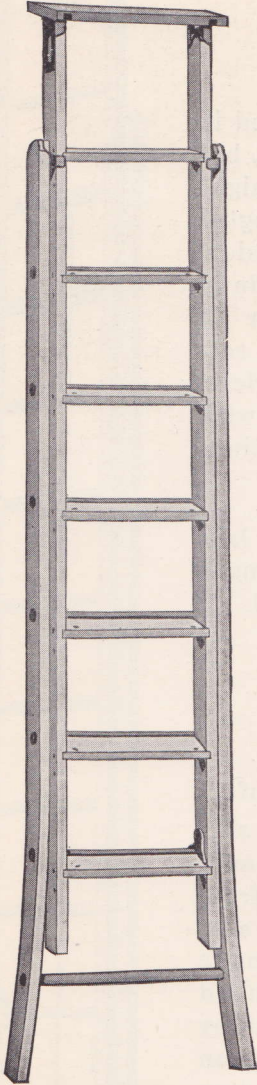


Fig. 12 B

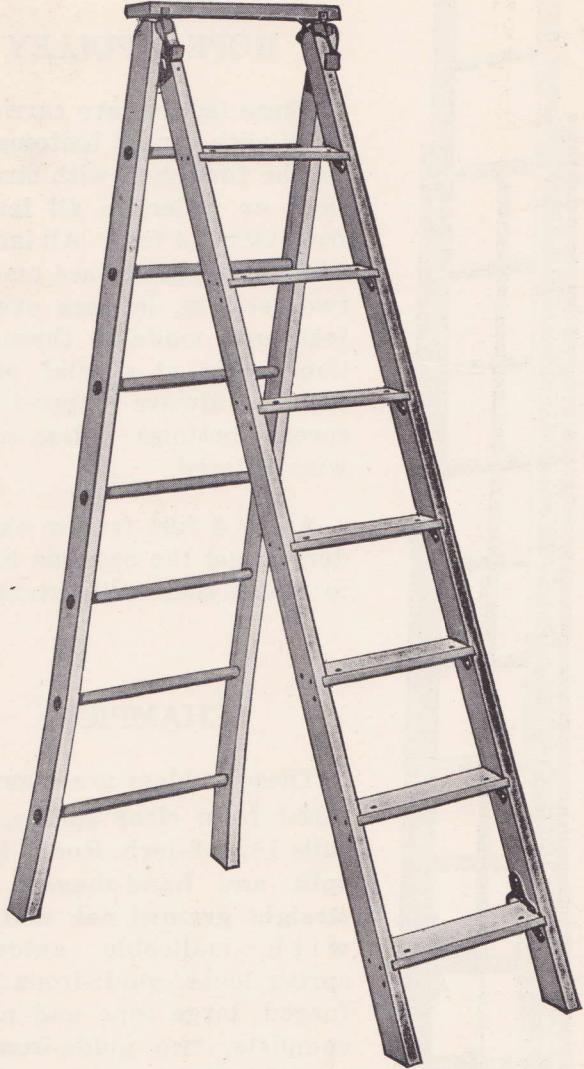
Fig. 12 A represents three of our regular sections connected with our patent lock and a bottom section showing extension leg. Any number of sections may be locked together with perfect safety, to any reasonable height for a straight ladder, or in any shape to get into difficult places that cannot be reached conveniently by other ladders.

Fig. 12 B shows our patent lock, which is very simple. On the lower end of the section is a pair of **MALLEABLE IRON SHOES** with a flange on same; the **MALLEABLE IRON WING NUT** on the threaded tube (which tube is over the ends of the projecting rungs) fits snugly over this flange and prevents the sections from separating. Each rail is riveted to prevent any possibility of splitting. The joint is the strongest place on the ladder.

FLAT STEP EXTENSION LADDERS



EXTENDED



STEP LADDER

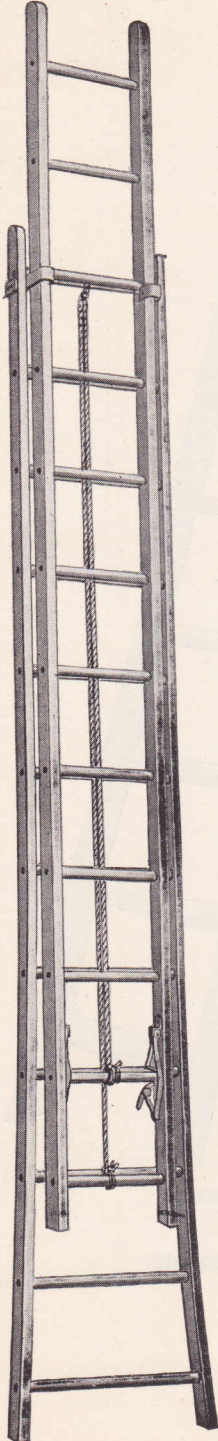
Made in 12, 14, 16, 20 and 24-ft. Lengths

Both Sides Measured in Billing

EXTENSION LADDERS

With Automatic Hooks

ROPE & PULLEY



ROPE & PULLEY

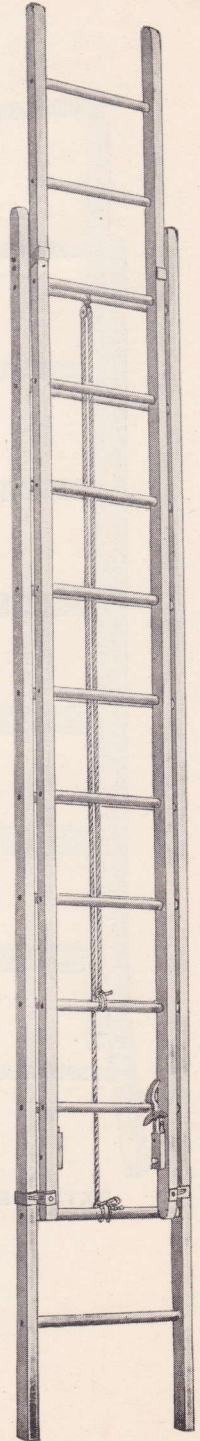
These ladders are carried in stock with spread bottoms, but can be furnished with straight sides on order, in all lengths from 20 to 44 feet. All ladders 44 feet and under are made in two sections, ladders over 44 feet long made in three sections only, at special prices. Ladders always shipped with spread bottoms unless otherwise ordered.

Allow 3 feet for lap on ladders to get the extreme length to which they will extend.

CHAMPION

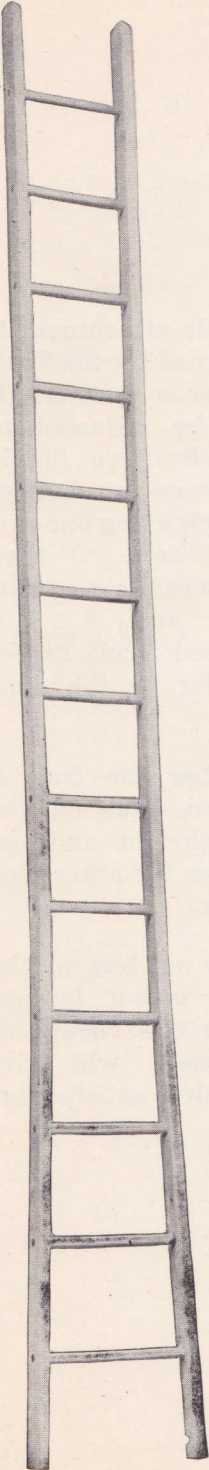
These ladders are manufactured from clear spruce, side rails $1\frac{3}{8}$ x 3-inch. **Rungs hand-split and hand-shaved from straight grained oak and ash**, with malleable automatic spring locks, guide-irons hand forged, large rope and pulley complete, two guide-irons on top of bottom section and two guide-irons on bottom of the sliding section. Both sections uniform width top to bottom.

CHAMPION



SINGLE LADDERS

BUCKEYE



BUCKEYE

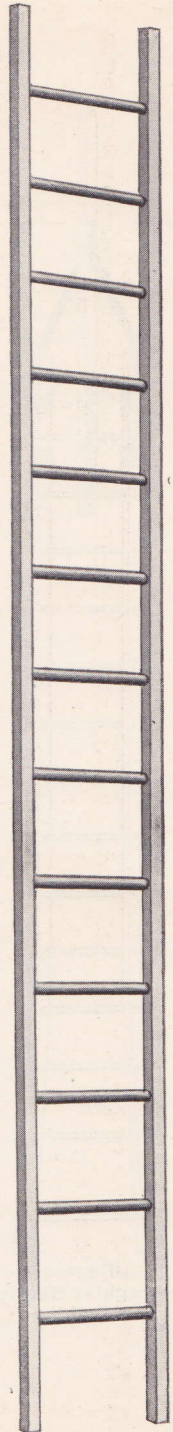
These are standard built ladders. Have $1\frac{3}{8}$ x $2\frac{3}{4}$ -inch Rails and $1\frac{1}{8}$ -inch Hickory Creosoted Rungs.

We carry single ladders in stock up to and including 22 ft. in length and extension ladders 44 ft. in length. This makes no section longer than 22 ft. The Railroad Companies refuse to take shipments in greater lengths, except at special freight rates, which make expenses too great to justify such shipments.

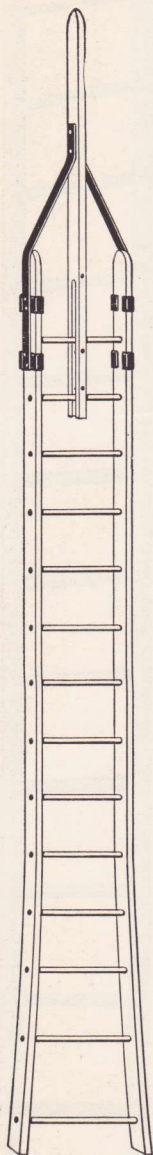
MECHANICS

These ladders are made without taper from white spruce side rails, made oval or rounded on the outside with white ash rungs. They are very strong and light, and are used in factories and machine shops for oiling, and by carpenters and electricians.

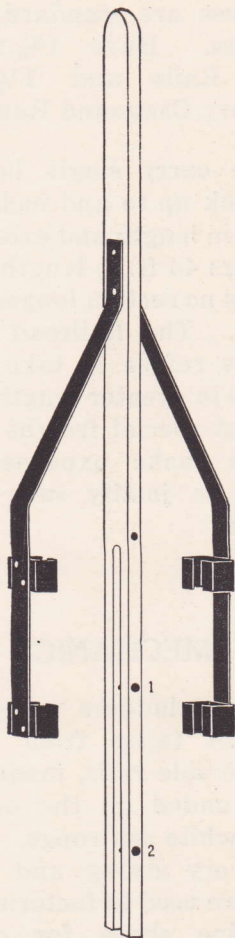
MECHANICS



BUCKEYE FRUIT PICKER ATTACHMENT



Adjusted on
regular Single
Ladder



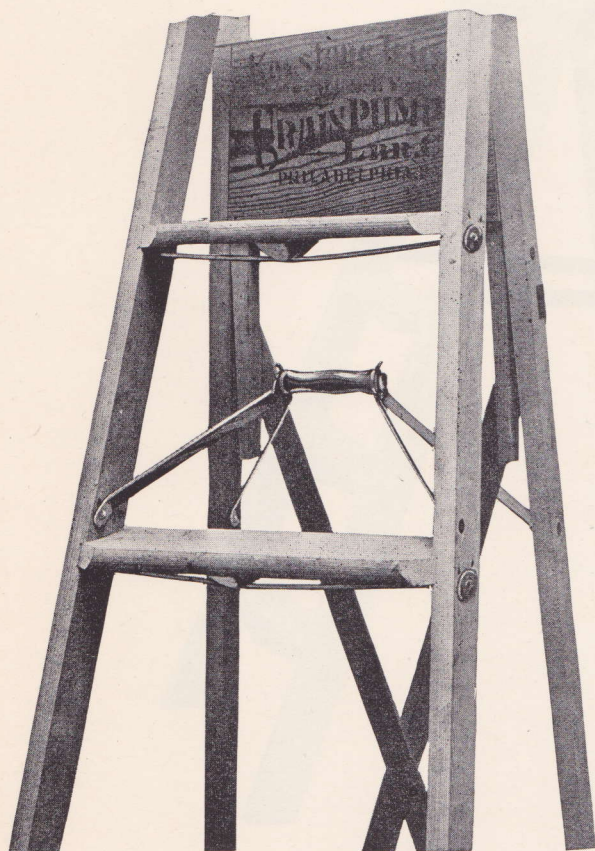
Fits Buckeye Single
or Extension
Ladders

This attachment is designed for the Fruit Picker or Grower. It can be adjusted to any Buckeye Single or Extension Ladder by tightening one carriage bolt. It then becomes the most durable and S A F E Pointed Fruit Picker Ladder on the market.

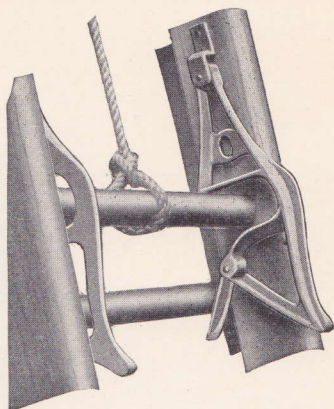
After the fruit is picked, take off the Attachment and use ladder for other purposes.

Do not buy special fruit picker ladders when this cheap Attachment will give complete satisfaction.

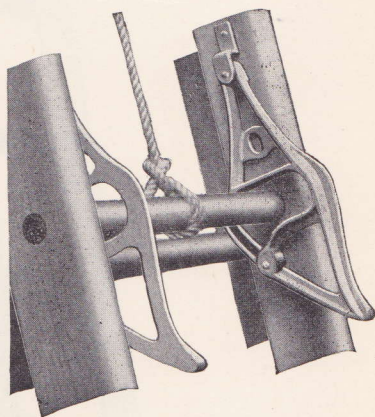
**HANDY HANDLE
LOCK USED ON
BUCKEYE
STEP LADDERS**



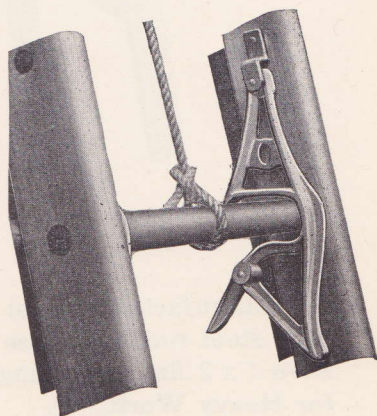
**AUTOMATIC HOOKS
used on
EXTENSION LADDERS**



Going up



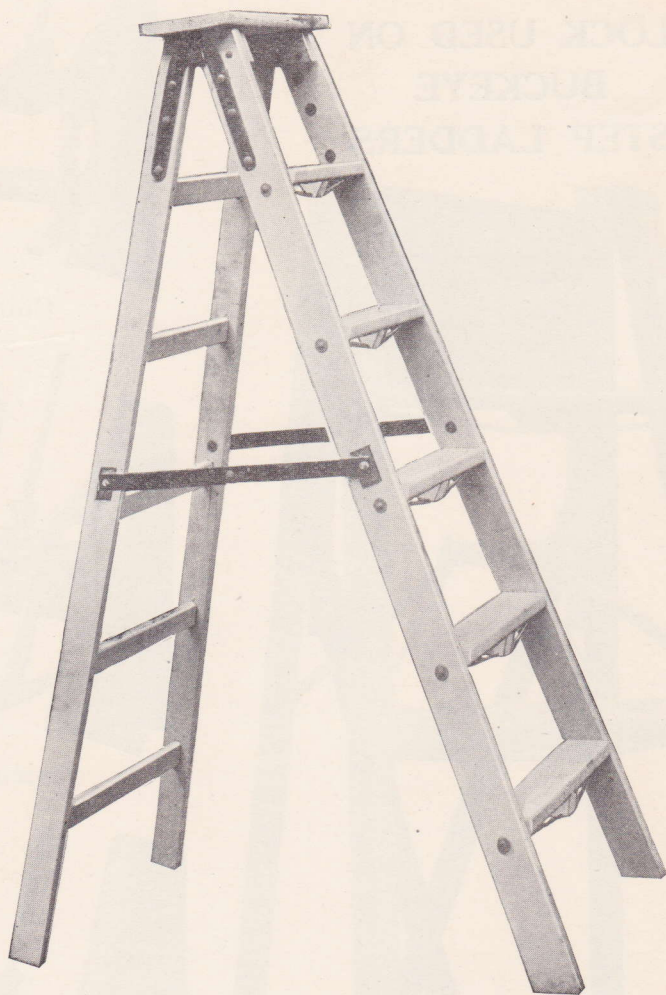
Going down



Locked

BUCKEYE SAFETY

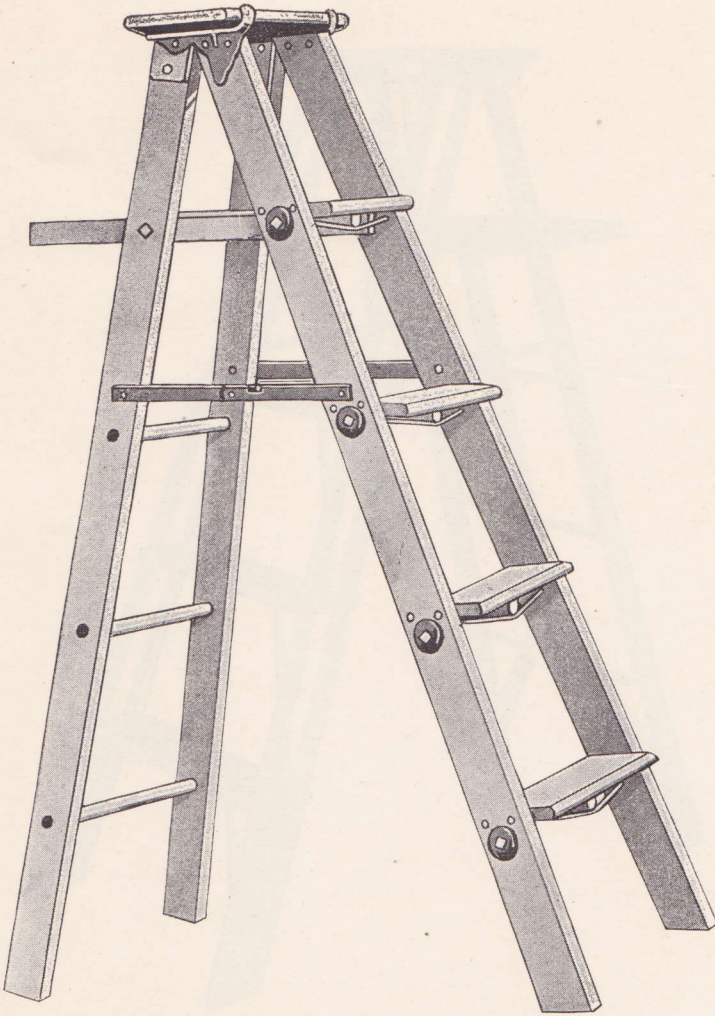
The Strongest Step Ladder on the Market



Manufactured from $1\frac{1}{4}$ stock; well braced, every step reinforced with steel rod and truss block, all parts heavily riveted, back or legs have 1 x 2 flat bars, hinges and spreaders $1\frac{1}{4}$ iron. **A Special Ladder for Heavy Work.**

BUCKEYE PRIDE

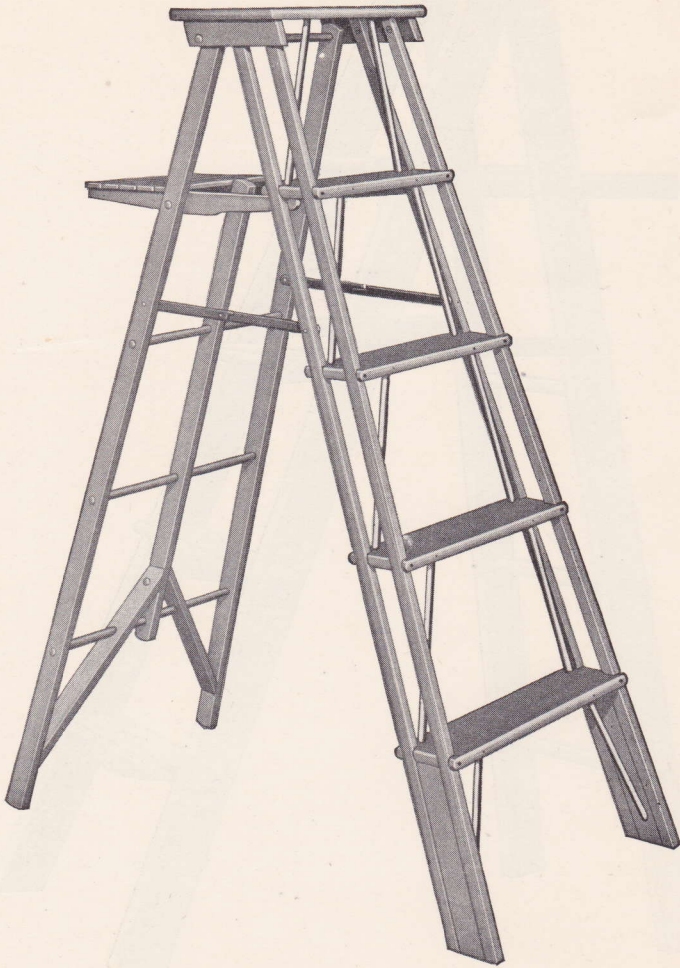
Delight of Mechanics



This is our very latest design and is intended for heavy work. It is made from selected SPRUCE, has wide steps, steel lock, malleable ears, truss block and is full rodded. Has reinforced back legs with $\frac{1}{4}$ -inch bolts and $1\frac{1}{8}$ -inch HICKORY Rungs, so that ladder can be used on either side.

BUCKEYE REX

Ladies' Favorite

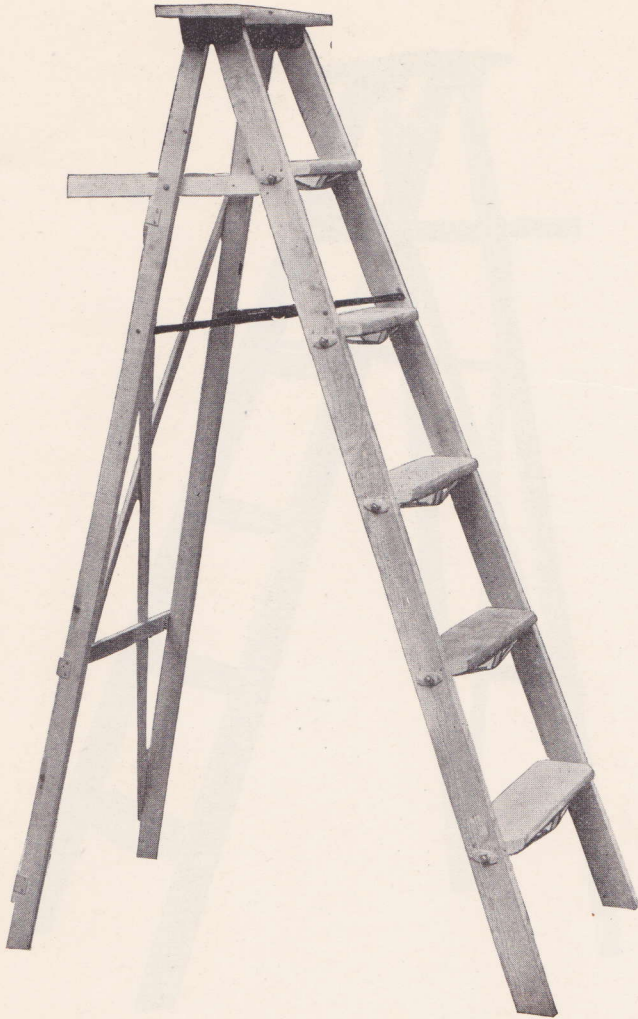


This is our very best step ladder. It is stronger and lighter in weight than any other ladder we manufacture.

The front rails are hard wood, the back legs are Spruce with Hickory dowels. Spruce steps and cap. Hickory dowels brace every step.

BUCKEYE QUALITY

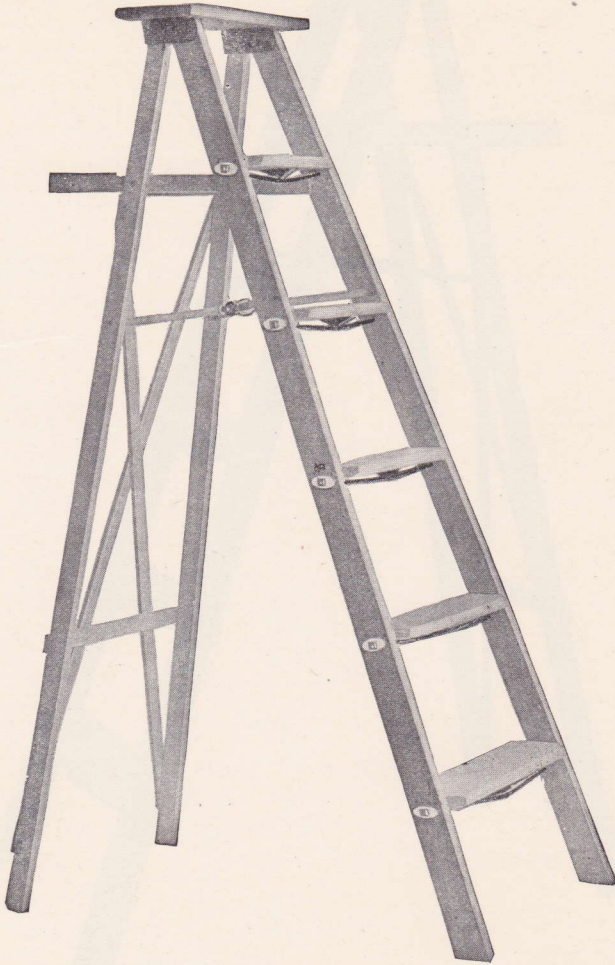
Rodded and Trussed



Manufactured from strictly clear, selected stock, and has steps 4½ in. wide and 7 in. top; it has a very strong, full-looped, steel hinge, or ear, with right angle flange, to which the top is riveted. Every step in this ladder is rodDED and trussed, so the ladder is constantly drawn together when there is weight on the steps.

BUCKEYE TRUSS

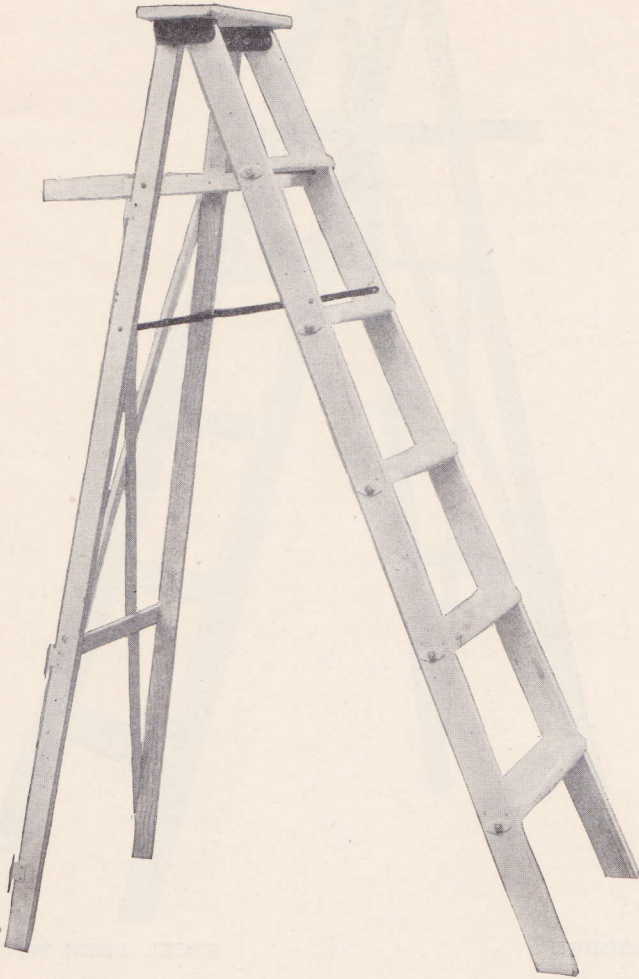
All Steel Lock



Buckeye Truss ladders are standard built, having $5\frac{3}{4}$ in. tops and $3\frac{5}{8}$ in. steps. They are made of selected material, rodded and trussed every step, have non-slip washers, metal four arm locks, galvanized double ears, solid risers, and are metal bound throughout.

BUCKEYE RODDED

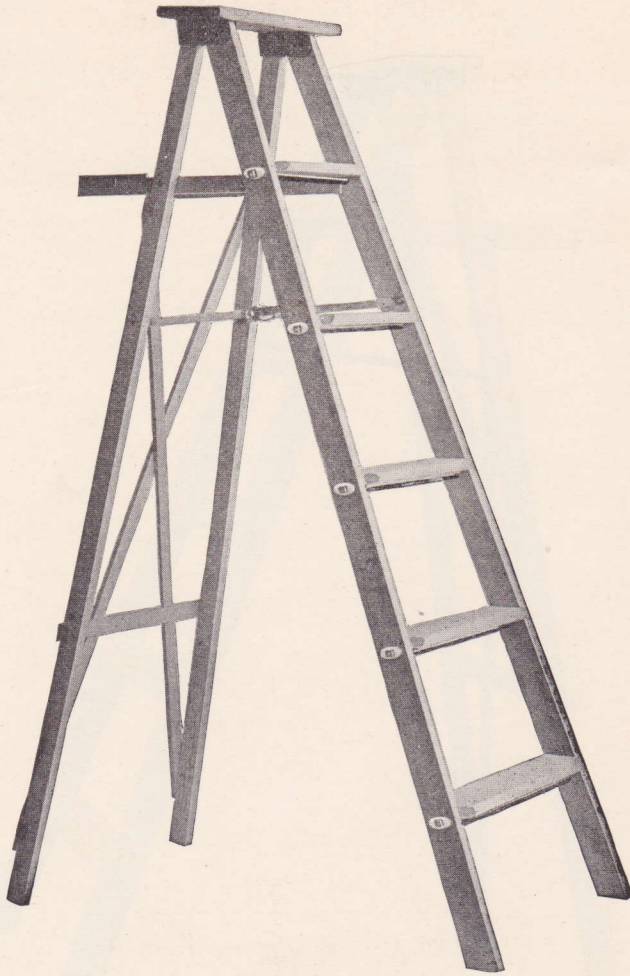
A Very Nifty Ladder



Buckeye Rodded is one of the best ladders on the market for the money. It is made from selected material, rodded every step, with leg braces steel bound; non-slip iron plate on side of risers, through which rod passes, secured with nut in center of plate, making ladder very strong.

BUCKEYE RADIO

A Fine Low Priced Ladder



FULL RODDED

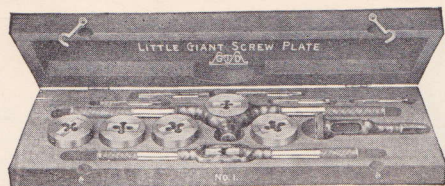
STEEL LOCK WITH HANDLE

4 to 8 feet made as follows:

Width of top	$5\frac{5}{8}$ inches
Width of risers	$2\frac{5}{8}$ inches
Width of legs	$1\frac{3}{8}$ inches
Width of steps	$3\frac{5}{8}$ inches
Thickness of stock.....	$\frac{13}{16}$ inch

OUR NEW DEPARTMENT

"LITTLE GIANT" SINGLE STOCK SCREW PLATES



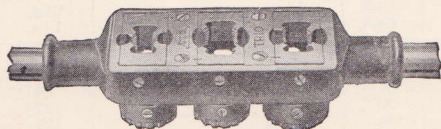
Assortment No. 0 contains plug tap or $\frac{3}{8}$ size, taper for all others. Nos. 0 and 1 contain bit brace shanks. Remaining assortments contain taper taps and "Little Giant" dies in the cutting sizes and with threads per inch as listed below.

USS threads furnished unless otherwise ordered.

SAE, BSF or Whitworth Standard threads furnished at regular prices if specified.

No.	0	1	2	3	4	5	5½
Cutting Sizes Inches and Threads per Inch	$\frac{3}{8}$ -24 $\frac{1}{4}$ -20 $\frac{1}{8}$ -18 $\frac{3}{16}$ -16 $\frac{1}{16}$ -14 $\frac{1}{2}$ -13	$\frac{1}{4}$ -20 $\frac{3}{8}$ -18 $\frac{1}{2}$ -16 $\frac{1}{8}$ -14 $\frac{1}{2}$ -13	$\frac{1}{4}$ -20 $\frac{3}{8}$ -16 $\frac{1}{2}$ -13 $\frac{5}{8}$ -11 $\frac{3}{4}$ -10	 $\frac{5}{8}$ -11 $\frac{3}{4}$ -10 $\frac{7}{8}$ -9 1-8	 $\frac{5}{8}$ -11 $\frac{3}{4}$ -10 $\frac{7}{8}$ -9 1-8	 $\frac{5}{8}$ -11 $\frac{3}{4}$ -10	 $\frac{5}{8}$ -11 $\frac{3}{4}$ -10
Collets, Diam. In.	2	2	2¾	2¾	2¾	2¾	2¾
Stocks, Length, In.	14½	14½	23	26	26	23	23
Tap Wrenches No.	5	5	6	7	7	6	6
Net Weight lbs.	9½	9	17	18	20½	20	22
Price, Dollars	20.00	18.50	22.75	26.25	29.25	27.50	30.75

"TRIO" DIE STOCKS FOR PIPE

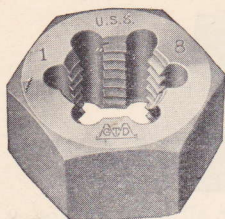


Adjustment is easily made for sizes larger or smaller than normal by a part turn in or out of the adjusting screws.

No.	Price Each	Cutting Sizes	Weight Lbs.	Length Stocks Inches
200A	\$8.50	$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$ "	4½	28
200B	8.50	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ "	4½	28
210A	11.00	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ "	10	40
210B	11.00	$\frac{1}{2}$, $\frac{3}{4}$, 1"	10	40

ITEMS IN OUR COMPLETE STOCK

SOLID HEXAGON RE-THREADING DIES



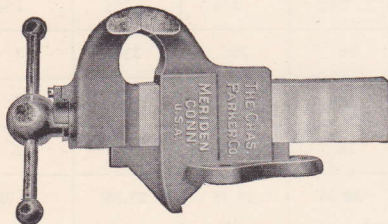
Size	Price Each	Threads per Inch	
		USS	SAE Std.
1/4	\$.70	20	28
5/16	.80	18	24
3/8	.90	16	24
7/16	1.00	14	20
1/2	1.10	12, 13	20
5/8	1.20	12	18
3/4	1.40	11	18
7/8	1.60	11	16
1	1.80	10	16
1 1/8	2.10	9	14, 18
1 1/4	2.40	8	14
1 1/2	2.80	7	12
1 3/4	3.20	7	12
1 7/8	3.60	6	12
2	4.00	6	12

REPAIRMAN'S TAPER REAMERS

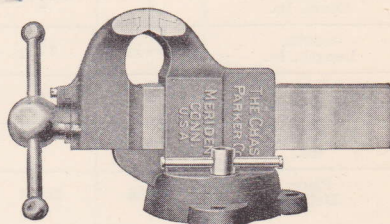


No.	Diameter		Length		Wt.	Price Each
	At Large End	At Point	Over-all	Reamer Part		
5	1 1/2"	1/8"	6 1/2"	4 1/2"	2 oz.	\$0.80
6	1"	3/8"	6 1/2"	4 1/2"	5 oz.	1.60

MACHINIST'S VISE



Stationary Base

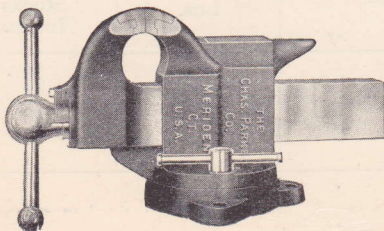


Swivel Base

No.	Wgt. Lbs.	Jaw In.	Vise Op's	List \$
29X	33 1/2	3 1/4	4	11.50
39X	52	3 3/4	6	13.00
49X	72	4 1/4	7	17.00
59X	90	4 3/4	8	22.00
69X	129	5 1/2	9	33.00
79X	159	6 1/4	9 1/2	45.00
79 1/2 X	193 1/2	7	10 1/2	55.00
60X	265	8	13 3/4	95.00

No.	Wgt. Lbs.	Jaw In.	Vise Op's	List \$
229X	39	3 1/4	4	15.00
239X	60 1/2	3 3/4	6	17.00
249X	84 1/2	4 1/4	7	21.00
259X	102 1/2	4 3/4	8	27.50
269X	151	5 1/2	9	42.00
279X	187	6 1/4	9 1/2	60.00
279 1/2 X	228	7	10 1/2	70.00
260X	305	8	13 3/4	105.00

"HERCULES" GARAGE VISE



Swivel Base

No.	Wgt. Lbs.	Jaw In.	Vise Op's	List \$
234	80	4	5 1/2	21.50
235	104	5	6	32.00

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